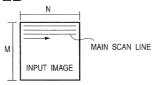


#### FIG. 2B

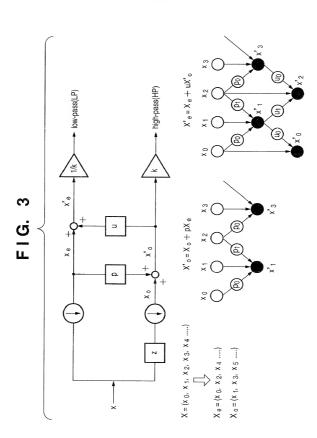


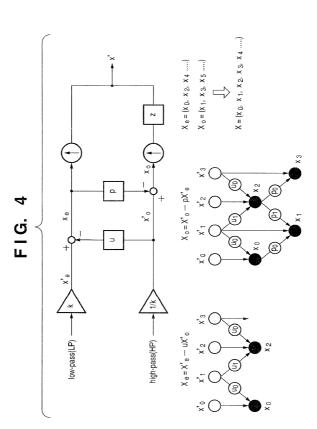
# FIG. 2C VERTICAL FILTERING



FIG. 2D HORIZONTAL FILTERING



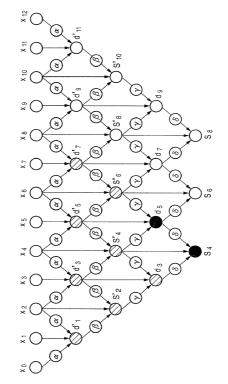


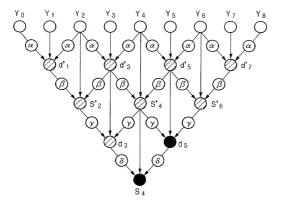


Filter	Filter coefficients	
	FORWARD DIRECTION	REVERSE DIRECTION
5×3 filter	H0 = [-1, 2, 6, 2, -1]/8 H1 = [-1, 2, -1]/2	G0 = [1, 2, 1] /2 G1 = [-1, -2, 6, -2,-1] /8

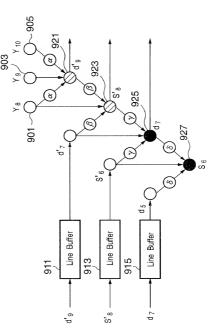
Filter	Lifting coefficients	
	FORWARD DIRECTION	REVERSE DIRECTION
5×3 filter	p = (-1, -1)/2 u = (1, 1)/4	p = (-1, -1)/2 u = (1, 1)/4

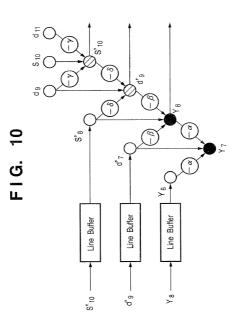
FIG. 7





F G. 9





S, 8 Ø F1G. 11 ď, S, e d<sub>5</sub> Line Buffer Line Buffer Line Buffer Line Buffer 1101 Š,

11/101

FIG. 12

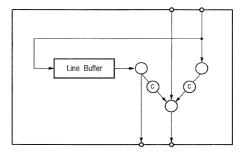
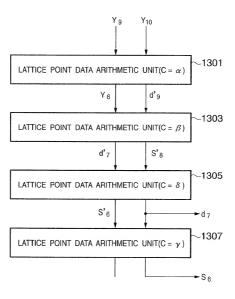


FIG. 13



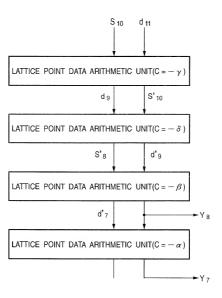


FIG. 15

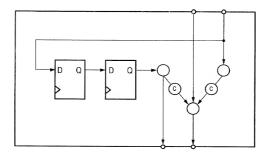


FIG. 16

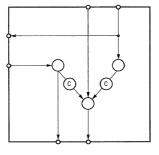
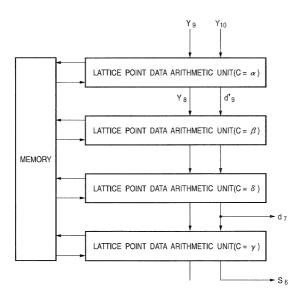


FIG. 17



18/101

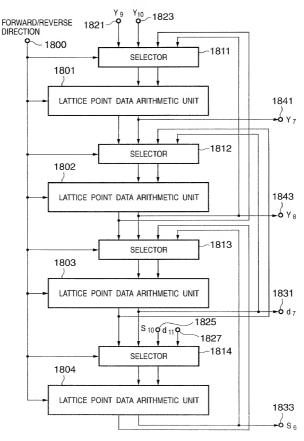


FIG. 19

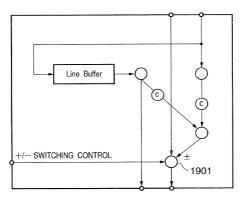


FIG. 20A

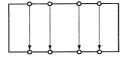
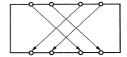
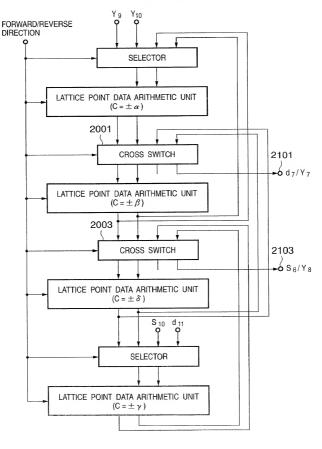
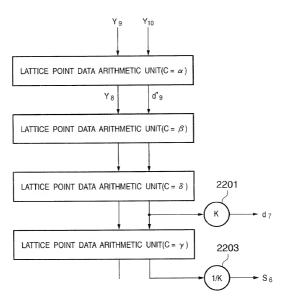
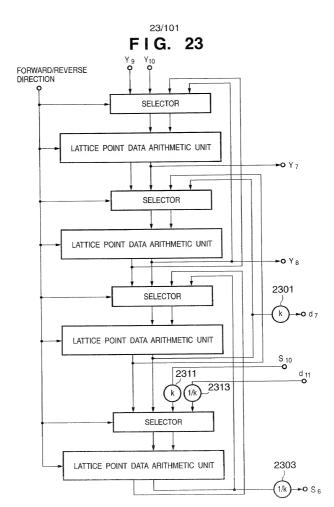


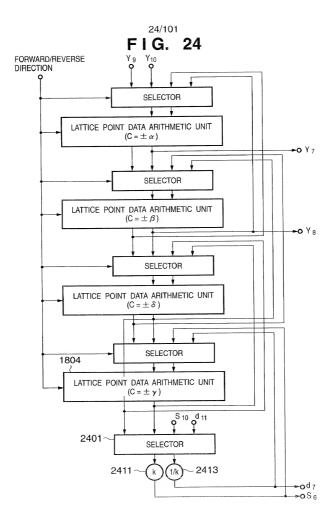
FIG. 20B







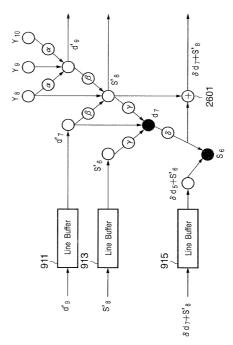




S, 8 8 d 7 s, e Sd5, Line Buffer Line Buffer Line Buffer 913 911 ф 6 S, 8

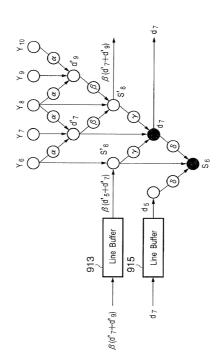
FIG. 25

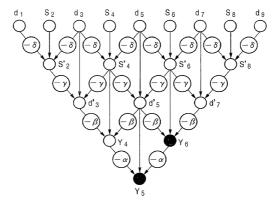
FIG. 26

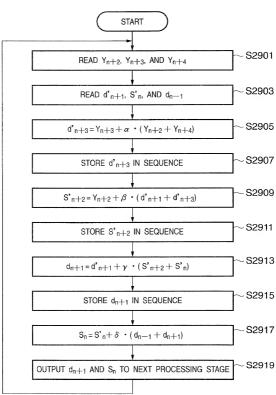


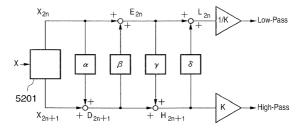
26/101

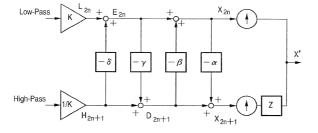
FIG. 27

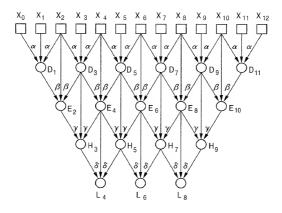


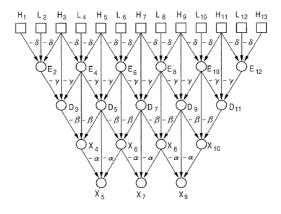


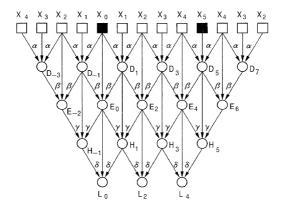


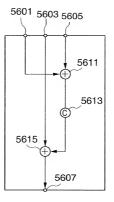


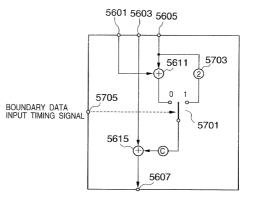


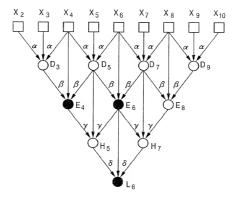


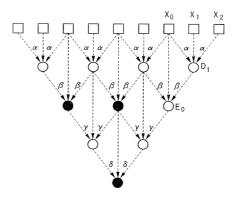


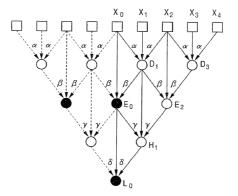












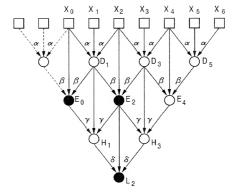
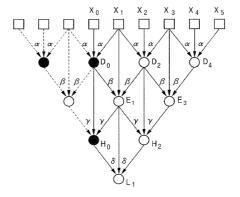


FIG. 41



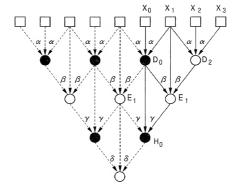


FIG. 43

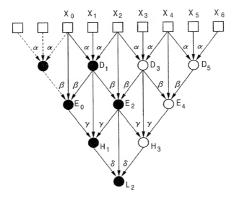


FIG. 44

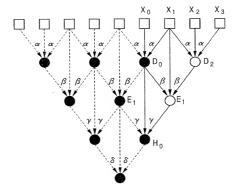


FIG. 45

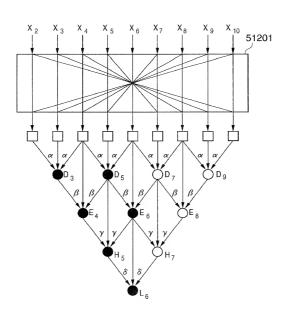


FIG. 46

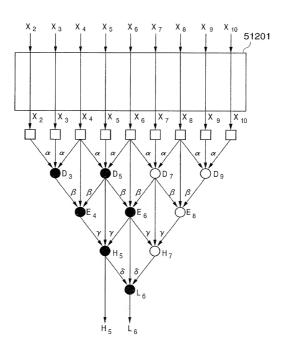


FIG. 47

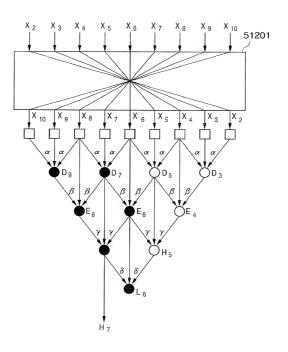


FIG. 48

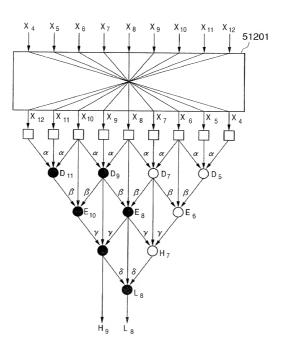


FIG. 49

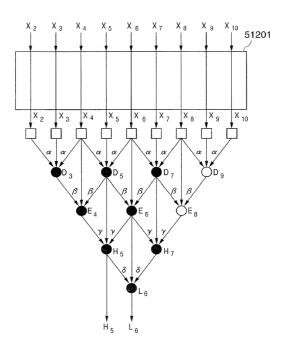
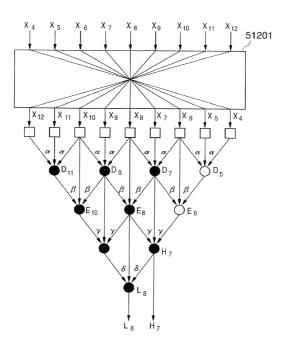
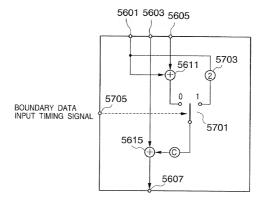
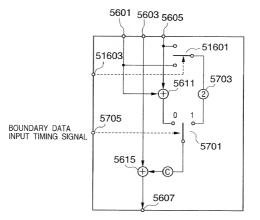
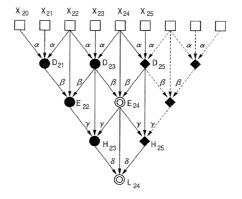


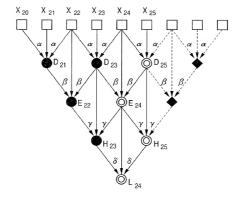
FIG. 50

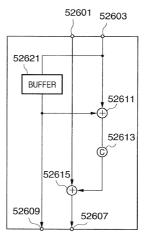


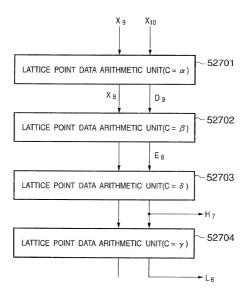


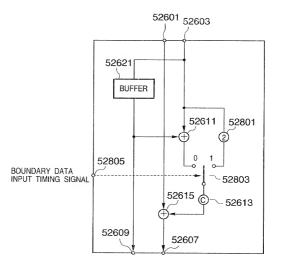


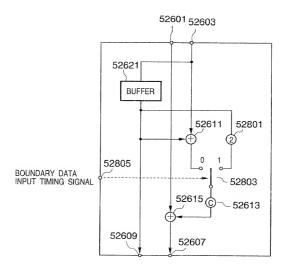


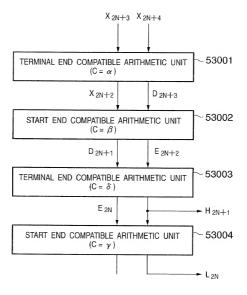












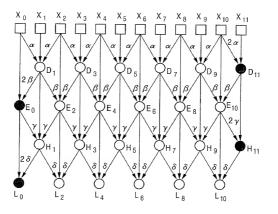


FIG. 61

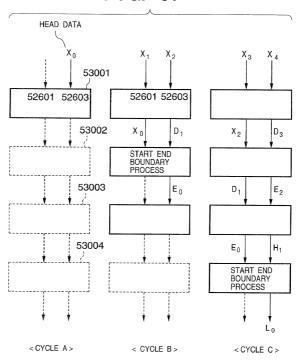
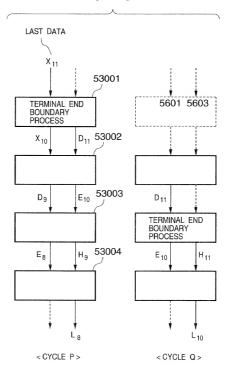
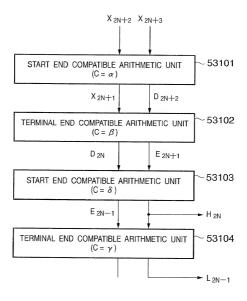
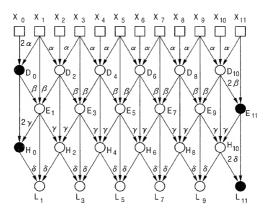
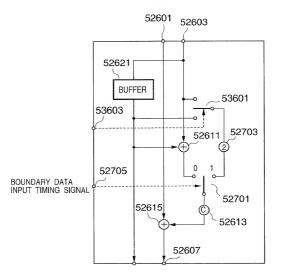


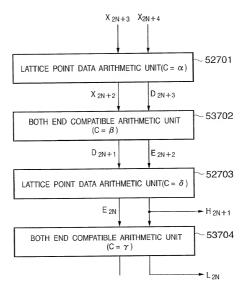
FIG. 62

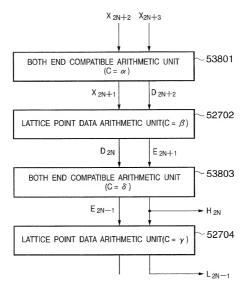


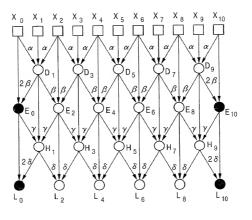


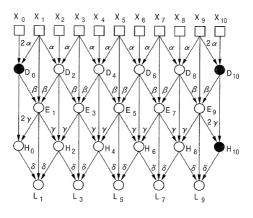


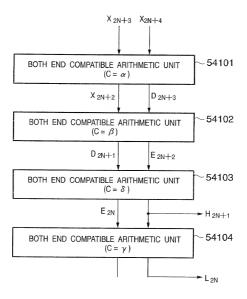


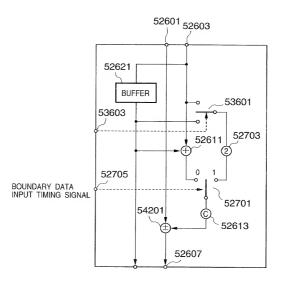












<sup>72/101</sup> **FIG. 72** 

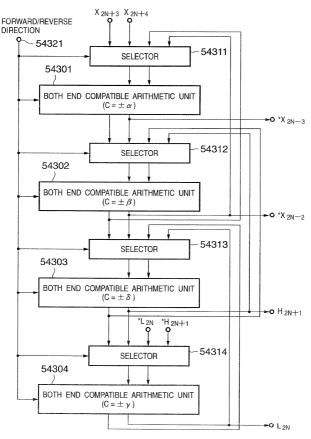
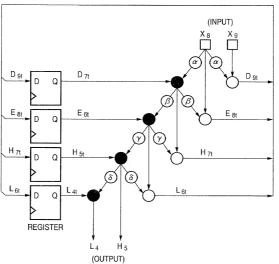


FIG. 73



74/101

FIG. 74

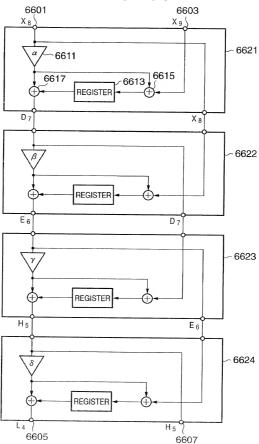
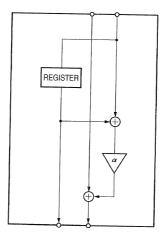
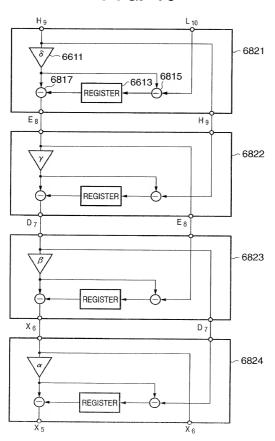


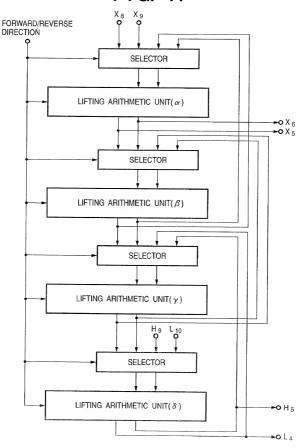
FIG. 75



76/101



77/101



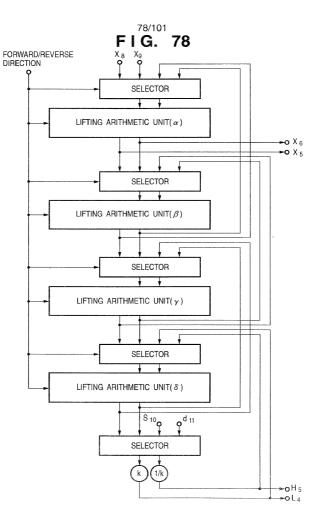


FIG. 79

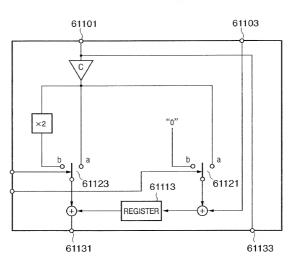


FIG. 80

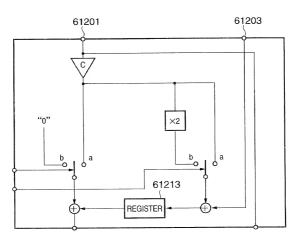
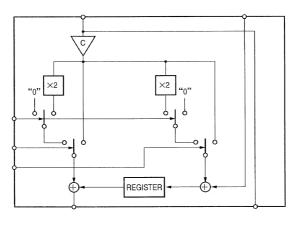
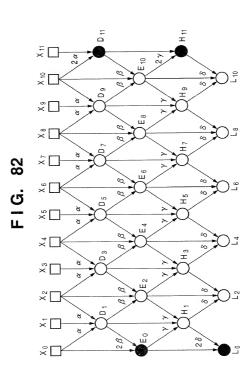
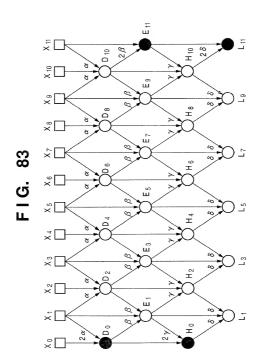


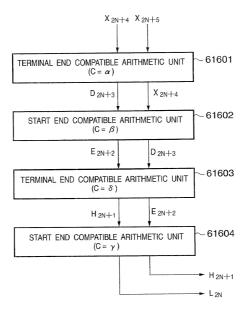
FIG. 81





82/101





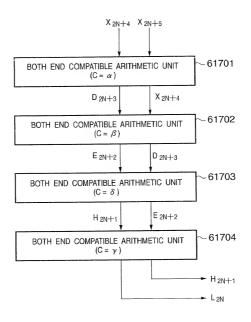


FIG. 86

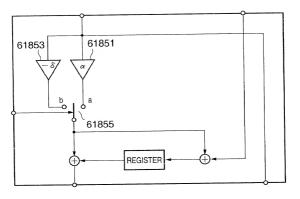


FIG. 87

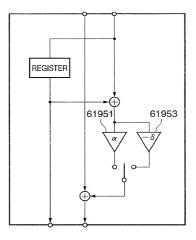


FIG. 88

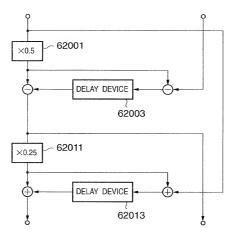


FIG. 89

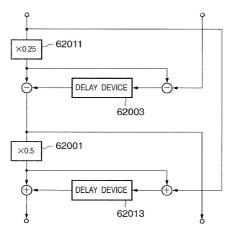


FIG. 90

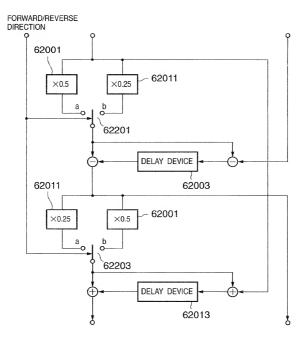


FIG. 91

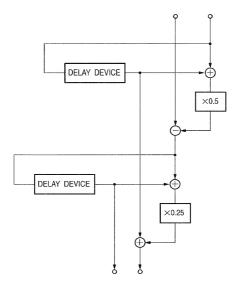


FIG. 92

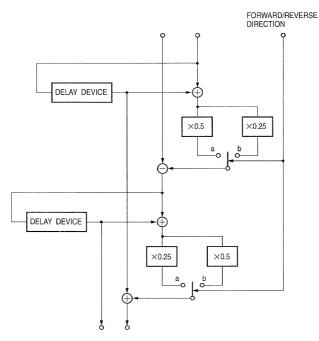


FIG. 93

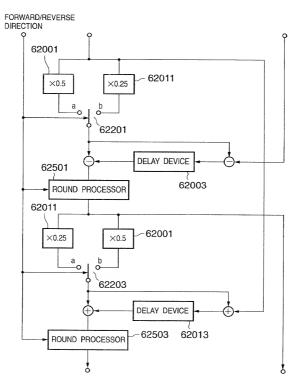


FIG. 94

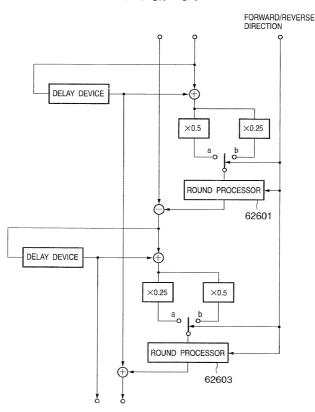


FIG. 95

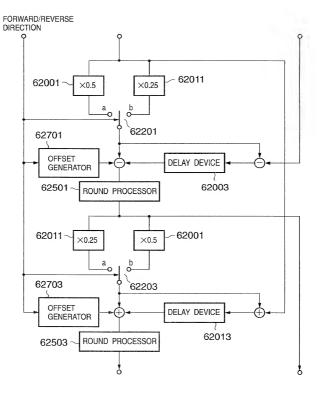


FIG. 96

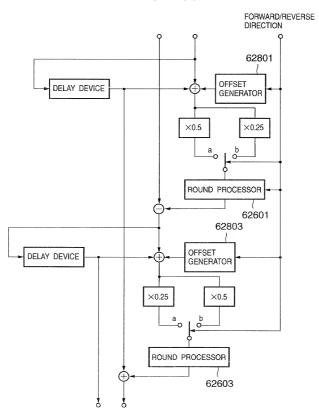


FIG. 97

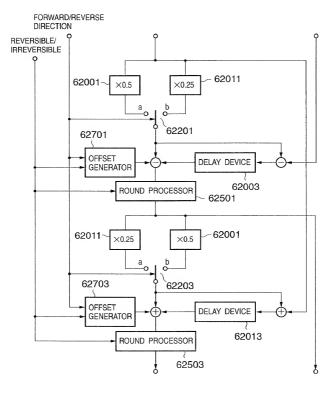


FIG. 98

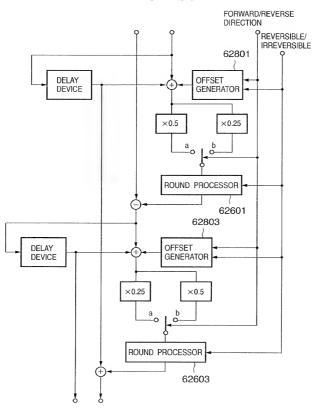


FIG. 99

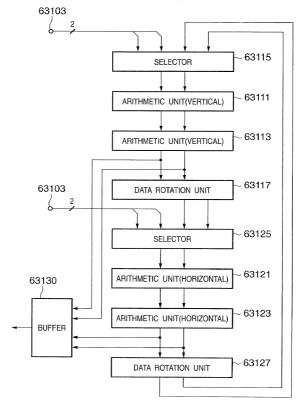


FIG. 100

